

Electronic Filing System (EFS) Data

Electronic Patent Application Submission

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EFS ID: 16276
Application ID: 10064374
Title of Invention: LIQUID CRYSTAL DISPLAY DEVICE
First Named Inventor: Kazuo Sekiya
Domestic/Foreign Application: Domestic Application
Filing Date: null
Effective Receipt Date: 2002-07-08
Submission Type: Utility Patent Filing
Filing Type: new-utility
Confirmation Number: 0
Attorney Docket Number: JP920010116
Digital Certificate Holder: cn=Derek Jennings, ou=Registered Attorneys, ou=Patent and Trademark Office, ou=Department of Commerce, o=U.S. Government, c=US
Certificate Message Digest: CT7wEyCsLHoOLueXFVK6mQ==
Total Fees Authorized: \$1160.0
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Deposit Account Number: 90468
Deposit Account Name: Derek S. Jennings



TRANSMITTAL FORM

JC474 U.S. PRO
10/064374
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Electronic Version 1.0.3

Stylesheet Version: 1.0

Submission Type: Utility
Patent Filing

Attorney Docket
Number:

JP920010116

LIQUID CRYSTAL DISPLAY DEVICE

First Named Inventor: Kazuo Sekiya

SUBMITTED BY

Name: Mr. Derek S. Jennings
Registration Number: 41,473
Electronic Signature Mark: Derek S. Jennings
Date Signed: 20020708

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I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

Attached Files:

declaration	JP920010116US1dec1.tif
declaration	JP920010116US1dec2.tif
specification	JP920010116US1.xml
ibid-transmittal	JP920010116US1apds.xml
fee-transmittal	JP920010116US1fee.xml

Attached Image File(s):

JP920010116US1dec1.tif

JP920010116US1dec2.tif

Comments:

The Title of the Specification is "Liquid Crystal Display Device".

Docket No. JP92001011

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which patent is sought on the invention entitled:

LIQUID CRYSTAL DISPLAY DEVICE

the specification of which (check one)

X is attached hereto.

_____ was filed on _____ as United States Application Number _____

or PCT International Application Number _____

and was amended on _____ (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, in the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application accordance with Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, '119(a)-(d) or '365(b) of any foreign application(s) for patent or inventor's certificate, or '365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified by checking the box, any foreign application for patent or inventor's certificate, or PCT International application, having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)	Country	Filing Date	Priority
2001-207112 (Number)	JAPAN (Country)	06/JULY/2001 (Day/Month/Year Filed)	<u>X</u> Yes
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	____ Yes
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	____ Yes

I hereby claim the benefit under 35 U.S.C. '119(e) of any United States provisional application(s) listed

(Application Number)	(Filing Date)
_____ (Application Number)	_____ (Filing Date)

I hereby claim the benefit under 35 U.S.C. '120 of any United States Application(s), or '365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of the claims of this application is not disclosed in the prior United States, or PCT International application in the manner provided by the first paragraph of 35 U.S.C. '112, I acknowledge the duty to disclose information material to the patentability of this application as defined in 37 CFR '1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
_____ (Application Serial No.)	_____ (Filing Date)	_____ (Status) (patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made in information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith (list name and registration number).

Manny W. Schecter (Reg. 31,722), Lauren C. Bruzzone (Reg. 35,082), Christopher A. Hughes (Reg. 26,914), John E. Hoel (Reg. 26,279), Joseph C. Redmond, Jr. (Reg. 18,753), Stephen C. Kaufman (Reg. 29,551), Robert M. Trepp (Reg. 25,933), Louis P. Herzberg (Reg. 41,500), Daniel P. Morris (Reg. 32,053), Paul J. Otterstedt (Reg. 37,411), Louis J. Percello (Reg. 33,206), Douglas W. Camero (Reg. 31,596), Marian Underweiser (Reg. 46,134), Richard M. Ludwin (Reg. 33,010), Derek S. Jennings (Reg. No. 41,473), Gail Zarick (Reg. 43,303) and Timothy M. Farrell (Reg. No. 37,321).

Send Correspondence to: Derek S. Jennings, Intellectual Property Law Dept.

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Inventor's Signature
Date

Japan
Citizenship

Hajime Nakamura
Full name of second joint-inventor, if any

Inventor's signature _____ Date _____

Japan
Citizenship

Same as above.
Post Office Address

FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

Patent fees are subject to annual revisions on or about October 1st of each year.

Large Entity

TOTAL FEES AUTHORIZED: \$ 1160

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 09-0468



Deposit Account Name: IBM

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

SUBMITTED BY

Authorized Name: Derek S. Jennings

Electronic Signature Mark: Derek S. Jennings

Date Signed: 20020708

BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 740

Subtotal For Basic Filing Fee: \$ 740

EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 17	103	\$ 18	0	\$ 0
Independent Claims: 8	102	\$ 84	5	\$ 420

$$-\frac{\partial}{\partial x} \left(\frac{\partial^2 u}{\partial x^2} \right) + \frac{\partial^2 u}{\partial x^2} = \frac{\partial^2 u}{\partial x^2} \quad \text{in } \Omega, \quad \frac{\partial u}{\partial x} = 0 \quad \text{on } \partial\Omega.$$

Subtotal For Extra Claims Fees: \$ 420